

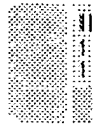
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L19	201	((718/104).ccls.) and (client\$1 and server\$1)	USPAT	OR	OFF	2005/03/04 08:19

L20	107	((718/104).ccls.) and (client\$1 and server\$1) and internet	USPAT	OR	OFF	2005/03/04 08:19
L21	2049	(709/226,229).ccls.	USPAT	OR	OFF	2005/03/04 08:19
L22	72	L21 and (client\$1 same request\$3) and server\$1 and internet and cookies	USPAT	OR	OFF	2005/03/04 08:19
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L81	7266	((709/203,227,229).ccls.) and internet	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/03/04 08:23



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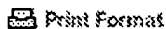
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Industrial Electronics Society, 2001. IECON '01. The 27th Annual Conference (IEEE), Volume: 3, 29 Nov.-2 Dec. 2001

Pages:1622 - 1630 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(787 KB\)\]](#) **IEEE CNF****2 Web latency reduction via client-side prefetching***Eden, A.N.; Joh, B.W.; Mudge, T.;*

Performance Analysis of Systems and Software, 2000. ISPASS. 2000 IEEE International Symposium on, 24-25 April 2000

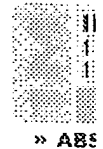
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[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) **IEEE CNF****3 Performance of Web proxy caching in heterogeneous bandwidth environments***Feldmann, A.; Caceres, R.; Douglass, F.; Glass, G.; Rabinovich, M.;*

INFOCOM '99. Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies. Proceedings. IEEE, Volume: 1, 21-25 March 1999

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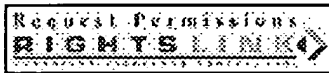
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Performance of Web proxy caching in heterogeneous bandwidth environments

[Feldmann, A.](#) [Caceres, R.](#) [Douglass, F.](#) [Glass, G.](#) [Rabinovich, M.](#)

AT&T Labs. Res., Florham Park, NJ, USA;

This paper appears in: INFOCOM '99. Eighteenth Annual Joint Conference IEEE Computer and Communications Societies. Proceedings. IEEE

Meeting Date: 03/21/1999 - 03/25/1999

Publication Date: 21-25 March 1999

Location: New York, NY USA

On page(s): 107 - 116 vol.1

Volume: 1

Reference Cited: 23

Number of Pages: 3 vol. xxv+1583

Inspec Accession Number: 6331025

Abstract:

Much work on the performance of Web proxy caching has focused on high-level such as hit rates, but has ignored low level details such as "cookies", aborted connections, and persistent connections between clients and proxies as well as proxies and servers. These details have a strong impact on performance, particularly in heterogeneous bandwidth environments where network speeds between client proxies are significantly different than speeds between proxies and servers. Through detailed simulations the latency and bandwidth effects of Web proxy caching in such environments. We drive our simulations with packet traces from two scenarios: clients connected through slow dialup modems to a commercial ISP, and clients on a fast LAN in an industrial research lab. We present three main results. First, persistent connections at the proxy can improve latency much more than simply caching Web data. Second, aborted connections can waste more bandwidth than that caching data. Third, cookies can dramatically reduce hit rates by making many documents effectively uncacheable.

Index Terms:

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41 [Defending against an Internet-based attack on the physical world](#)

Simon Byers, Aviel D. Rubin, David Kormann

November 2002 **Proceedings of the 2002 ACM workshop on Privacy in the Electronic Society**

Full text available:  pdf(201.19 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We discuss the dangers that scalable Internet functionality may present to the real world, focusing on a simple yet impactful attack that we believe may occur quite soon. We offer and critique various solutions to this class of attack and hope to provide a warning to the Internet community of what is currently possible. The attack is, to some degree, a consequence of the availability of private information on the Web, and the increase in the amount of personal information that users must reveal ...

Keywords: Internet Threats, automated attacks, computer security, comuter security, cybercrime, internet threats

42 [Fine grained access control for SOAP E-services](#)

Ernesto Damiani, Sabrina De Capitani di Vimercati, Stefano Paraboschi, Pierangela Samarati
April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available:  pdf(258.34 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: SOAP, XML, access control, certificates, roles

43 [Role-based access control on the Web using Java](#)

Luigi Giuri

October 1999 **Proceedings of the fourth ACM workshop on Role-based access control**

Full text available:  pdf(729.08 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

44 [Emerging applications: Defending against redirect attacks in mobile IP](#)

Robert H. Deng, Jianying Zhou, Feng Bao

November 2002 **Proceedings of the 9th ACM conference on Computer and communications security**

Full text available:  pdf(266.04 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The route optimization operation in Mobile IP Version 6 (MIPv6) allows direct routing from any correspondent node to any mobile node and thus eliminates the problem of "triangle routing" present in the base Mobile IP Version 4 (MIPv4) protocol. Route optimization, however, requires that a mobile node constantly inform its correspondent nodes about its new care-of addresses by sending them binding update messages. Unauthenticated or

malicious binding updates open the door for intruders to perform ...

Keywords: authenticated key-exchange, mobile IP, mobile IP security, redirect attack, secure binding update

45 At the Forge: Session Management with Mason

Reuven M. Lerner

August 2000 **Linux Journal**

Full text available:  [html\(21.64 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)



46 Unifying strategies for Web augmentation

Niels Olof Bouvin

February 1999 **Proceedings of the tenth ACM Conference on Hypertext and hypermedia : returning to our diverse roots: returning to our diverse roots**

Full text available:  [pdf\(1.40 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Keywords: Java, Web integration, collaboration on the Web, common reference architecture for open hypermedia systems, open hypermedia protocol, open hypermedia systems, unifying interfaces

47 At the Forge

Reuven M. Lerner

October 1999 **Linux Journal**

Full text available:  [html\(21.79 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Dynamic Graphics and Personalization: A continuation of the discussion on creating graphics dynamically on the Web



48 Security issues in distributed software

Richard A. Kemmerer

November 1997 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 6th European conference held jointly with the 5th ACM SIGSOFT international symposium on Foundations of software engineering, Volume 22 Issue 6**

Full text available:  [pdf\(632.79 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)



49 Fighting the spam wars: A remailer approach with restrictive aliasing

Pawel Gburzynski, Jacek Maitan

February 2004 **ACM Transactions on Internet Technology (TOIT)**, Volume 4 Issue 1

Full text available:  [pdf\(162.34 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present an effective method of eliminating unsolicited electronic mail (so-called *spam*) and discuss its publicly accessible prototype implementation. A subscriber to our system is able to obtain an unlimited number of aliases of his/her permanent (protected) E-Mail address to be handed out to parties willing to communicate with the subscriber. It is also possible to set up publishable aliases, which can be used by human correspondents to contact the subscriber, while being useless to h ...

Keywords: Electronic mail, privacy, spam



50 At the Forge: Advanced "New" Labels

Reuven M. Lerner


August 1999 **Linux Journal**



51 [Writing IIS applications in dyalog API](#)

Peter Donnelly

September 2002 **ACM SIGAPL APL Quote Quad**, Volume 33 Issue 1

Full text available:  [pdf\(447.35 KB\)](#) Additional Information: [full citation](#)



52 [Detection: On scalable attack detection in the network](#)

Ramana Rao Kompella, Sumeet Singh, George Varghese

October 2004 **Proceedings of the 4th ACM SIGCOMM conference on Internet measurement**

Full text available:  [pdf\(405.42 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Current intrusion detection and prevention systems seek to detect a wide class of network intrusions (e.g., DoS attacks, worms, port scans) at network vantage points. Unfortunately, all the IDS systems we know of keep per-connection or per-flow state. Thus it is hardly surprising that IDS systems (other than signature detection mechanisms) have not scaled to multi-gigabit speeds. By contrast, note that both router lookups and fair queuing have scaled to high speeds using *aggregation* ...

Keywords: denial of service, scalability, security



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